



Device for application of hyperthermia in a particular body using microwaves

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Abstract

The invention relates to a device for application of hyperthermia in a particular body using microwaves. The device comprises a wire antenna (1) supplied with microwave energy or, upon switching, acting as a radiometric probe, a sleeve (2) enabling the wire antenna to be thermostatted and a Foley-type catheter (3) removably mounted so as to encompass the assembly thus constituted, the catheter enabling this assembly to be positioned in relation to an opening for insertion into the particular body and being the sole disposable part in order to ensure good hygiene of the hyperthermia session. A connection module (4) allows the interconnection both of the wire antenna, from the radio-frequency point of view, and of the sleeve and the catheter, from the hydraulic point of view. Application to thermotherapy or to the thermal treatment of certain bodies is thus provided.